

264-1106

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Washington, D.C. 20460

OFFICE OF
CHEMICAL SAFETY AND
POLLUTION PREVENTION

DEC - 4 2012

George J. Sabbagh, Ph.D.
Bayer CropScience
2 T.W. Alexander Drive
P.O. Box 12014
Research Triangle Park, NC 27709

Subject: Supplemental Label for Established Grapes
Indaziflam 200 SC Herbicide
EPA Reg. No. 264-1106
Date Submitted: October 22, 2012

Dear Dr. Sabbagh:

The supplemental labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended is acceptable.

This supplemental label expires on October 19, 2015 and must not be used or distributed after that date. A stamped copy of your label is enclosed for your records. If you have any questions, please contact Maggie Rudick at (703) 347-0257 or rudick.maggie@epa.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "Kable Bo Davis", is written over a large, horizontal, oval-shaped stamp or seal.

Kable Bo Davis
Product Manager 25
Herbicide Branch
Registration Division (7505P)



Bayer CropScience

Bayer CropScience LP
P.O. Box 12014
2 T.W. Alexander Drive
Research Triangle Park, North Carolina 27709
1-866-99BAYER (1-866-992-2937)

Indaziflam 200 SC Herbicide
Alternate Brand Name: Alion® Herbicide

EPA Reg. No. 264-1106

For Use On: Grapes

*This supplemental label expires October 19, 2015
and must not be used or distributed after this date.*

Supplemental Label

KEEP OUT OF REACH OF CHILDREN CAUTION

Directions for Use

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation. Read this label and the product package label before using this product. This Supplemental Label must be in the possession of the user at the time of pesticide application. Follow all applicable directions, restrictions, Worker Protection Standard requirements, and precautions on the product label for Alion Herbicide attached to the container.

USE DIRECTIONS FOR SPECIFIC CROPS

RESTRICTIONS FOR USE

- Alion Herbicide can only be applied in grapes that have been established for a minimum of five years after transplanting and exhibiting normal growth and good vigor.

APPLICATION DIRECTIONS FOR USE IN GRAPE VINEYARDS

Only use Alion Herbicide in established vineyards at least five years after the vines have been planted and exhibiting normal growth and good vigor. Ensure that the grapes have been planted at least 12 inches deep or that there is 12 inches of soil barrier (berm) between the soil surface and the major portion of the root system prior to using Alion Herbicide or injury may occur.

Dose Rate Chart for Grape Vineyards

Soil Texture	Alion Herbicide (fl oz product / broadcast acre)	Minimum Vine Age
Sand	Do Not Use	
Any other soil except those that contain 20% or greater gravel content	5.0 fl oz/A (0.065 lb ai/A)	5 years

Do not apply more than a total of 5.0 fl oz product/A (0.065 lb ai/A) per year or in a 12 month period when used in grape vineyards.

Do not use in grapes grown in Florida or Georgia.

Do not use in grapes grown on sand.

Do not use on soils with 20% or more gravel content.

Only use in vineyards where the grapes have been planted at least 12 inches deep or where there is 12 inches of soil barrier (berm) between the soil surface and the major portion of the root system.

Do not apply within 25 feet of ponds, lakes, rivers, streams, wetlands, and habitat containing aquatic and semi-aquatic plants.

ACCEPTED

DEC - 4 2012

Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under
EPA Reg No. 264-1106

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Weeds Controlled by 5 - 6.5 oz/Ac Alion Herbicide			
Broadleaves		Grasses	
Common Name	Genus/Species	Common Name	Genus/Species
Amaranth, spiny	<i>Amaranthus spinosus</i>	Barley, mouse	<i>Hordeum murinum</i>
Buckwheat, wild *	<i>Polygonum convolvulus</i>	Barnyardgrass, common	<i>Echinochloa crus-galli</i>
Burclover, California *	<i>Medicago polymorpha</i>	Bluegrass, annual	<i>Poa annua</i>
Buttercup, corn *	<i>Ranunculus arvensis</i>	Brome, downy	<i>Bromus tectorum</i>
Carpetweed	<i>Mollugo verticillata</i>	Brome, foxtail	<i>Bromus rubens</i>
Catsear, spotted ***	<i>Hypochoeris radicata</i>	Bromegrass, ripgut	<i>Bromus rigidus</i>
Celery, wild *	<i>Apium leptophyllum</i>	Cheat	<i>Bromus secalinus</i>
Chickweed, common	<i>Stellaria media</i>	Crabgrass, large	<i>Digitaria sanguinalis</i>
Chickweed, mouse-ear	<i>Cerastium vulgatum</i>	Crabgrass, smooth	<i>Digitaria ischaemum</i>
Clover, crimson ***	<i>Trifolium incarnatum</i>	Cupgrass, southwestern	<i>Eriochloa gracilis</i>
Clover, red *	<i>Trifolium pratense</i>	Foxtail, giant	<i>Setaria faberi</i>
Clover, white ***	<i>Trifolium repens</i>	Foxtail, green	<i>Setaria viridis</i>
Cudweed, purple	<i>Gnaphalium purpureum</i>	Foxtail, yellow	<i>Pennisetum glaucum</i>
Dandelion, common (seedling)	<i>Taraxacum officinale</i>	Goosegrass	<i>Eleusine indica</i>
		Guineagrass	<i>Panicum maximum</i>
Eveningprimrose, cutleaf *	<i>Oenothera laciniata</i>	Junglerice	<i>Echinochloa colonum</i>
Fiddleneck, coast	<i>Amsinckia intermedia</i>	Lovegrass, tufted	<i>Eragrostis pectinacea</i>
Filaree, redstem / Storksbill	<i>Erodium cicutarium</i>	Millet, wild proso	<i>Panicum miliaceum</i>
Filaree, whitestem	<i>Erodium moschatum</i>	Oat, wild	<i>Avena fatua</i>
Fleabane, hairy	<i>Erigeron bonariensis</i>	Panicum, fall	<i>Panicum dichotomiflorum</i>
Geranium, Carolina	<i>Geranium carolinianum</i>	Panicum, Texas *	<i>Panicum texanum</i>
Groundsel, common	<i>Senecio vulgaris</i>	Ryegrass, Italian (annual)	<i>Lolium multiflorum</i>
Henbit *	<i>Lamium amplexicaule</i>	Signalgrass, broadleaf	<i>Brachiaria platyphylla</i>
Horseweed / Marestalk	<i>Erigeron canadensis</i>	Sprangletop, bearded	<i>Leptochloa fascicularis</i>
Indigo, Hairy	<i>Indigofera hirsuta</i>		
Knotweed, prostrate *	<i>Polygonum aviculare</i>	Sprangletop, Mexican	<i>Leptochloa uninervia</i>
Kochia	<i>Kochia scoparia</i>		
Lambsquarters, common **	<i>Chenopodium album</i>		
Lettuce, prickly *	<i>Lactuca serriola</i>		
Mallow, common *	<i>Malva neglecta</i>		
Mallow, little/ Cheeseweed	<i>Malva parviflora</i>		
Morningglory, ivyleaf *	<i>Ipomoea hederacea</i>		
Morningglory, pitted	<i>Ipomoea lacunosa</i>		
Mustard, black	<i>Brassica nigra</i>		
Mustard, wild	<i>Sinapis arvensis</i>		
Nettle, stinging	<i>Urtica dioica</i>		
Pigweed, prostrate	<i>Amaranthus blitoides</i>		
Pigweed, redroot	<i>Amaranthus retroflexus</i>		
Pigweed, smooth	<i>Amaranthus hybridus</i>		
Plantain, buckhorn	<i>Plantago lanceolata</i>		
Prickly sida / Teaweed	<i>Sida spinosa</i>		
Puncturevine, Common *	<i>Tribulus terrestris</i>		
Purslane, common	<i>Portulaca oleracea</i>		
Purslane, horse	<i>Trianthema portulacastrum</i>		
Pusley, Brazilian ***	<i>Richardia brasiliensis</i>		
Pusley, Florida	<i>Richardia scabra</i>		
Ragweed, common *	<i>Ambrosia elatior</i>		
Redmaids	<i>Calandrinia caulescens</i>		
Rocket, London	<i>Sisymbrium irio</i>		
Sesbania, hemp / Coffeebean	<i>Sesbania exaltata</i>		
Shepherd's-purse	<i>Capsella bursa-pastoris</i>		

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Smartweed, Pennsylvania	<i>Polygonum pensylvanicum</i>		
Smellmelon	<i>Cucumis melo</i>		
Sorrel, red *	<i>Rumex acetosella</i>		
Sowthistle, annual	<i>Sonchus oleraceus</i>		
Sowthistle, spiny	<i>Sonchus asper</i>		
Spanishneedles *	<i>Bidens bipinnata</i>		
Spurge, garden	<i>Euphorbia hirta</i>		
Spurge, prostrate	<i>Euphorbia supina</i>		
Spurge, spotted	<i>Euphorbia maculata</i>		
Spurry, corn	<i>Spargula arvensis</i>		
Sunflower, common *	<i>Helianthus annuus</i>		
Swinecress	<i>Coronopus didymus</i>		
Thistle, Russian	<i>Salsola kali</i>		
Velvetleaf	<i>Abutilon theophrasti</i>		
Vetch, purple	<i>Vicia benghalensis</i>		
Willowherb, panicle	<i>Epilobium brachycarpum</i>		
Woodsorrel, common yellow *	<i>Oxalis stricta</i>		
Woodsorrel, Florida yellow	<i>Oxalis florida</i>		

* Denotes partial control of these weeds

** Consistent control dependent on timely activation by rain or irrigation

*** Seedling control only

ROTATIONAL CROP RESTRICTIONS

Alion Herbicide is intended for use in perennial tree and vine crops listed in this label and for non-crop farmstead uses. Do not rotate to any crops not listed on this label within 24 months after the last application. Planting earlier than this may result in crop injury or death. If a crop is not on this label, a bioassay should be conducted prior to planting if Alion Herbicide has been used in the previous 36 months. A successful field bioassay means growing a test strip or several plots of the intended crop from seed or transplant to maturity without any observed herbicide symptoms. The test should be conducted in representative areas across the field that includes knolls, low areas, field edges, and changes in soil texture. The rotational crop interval must be extended if the field bioassay does not result in acceptable crop tolerance.

Labeled citrus crops may be transplanted into soil previously treated with Alion Herbicide 1 month or more after the last application provided potted trees (such as citripots) are used.

New orchards of labeled pome and stone fruit, tree nut, pistachio and olive may be established in a location previously treated with Alion Herbicide 1 year after application. Grape vineyards may be established in a location previously treated with Alion Herbicide 2 years after application. In labeled pome and stone fruit, tree nuts, grapes, pistachio, and olive previously treated soil must be thoroughly mixed to a depth of at least 6 inches prior to planting. This may be done through any combination of tillage operations such as ripping, disking, or plowing

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For MEDICAL And TRANSPORTATION Emergencies ONLY Call 24 Hours A Day 1-800-334-7577

For PRODUCT USE Information Call 1-866-99BAYER (1-866-992-2937)

As with any crop-protection product, always read and follow label directions.

For additional information call toll-free 1-866-99BAYER (1-866-992-2937).

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